

1/28

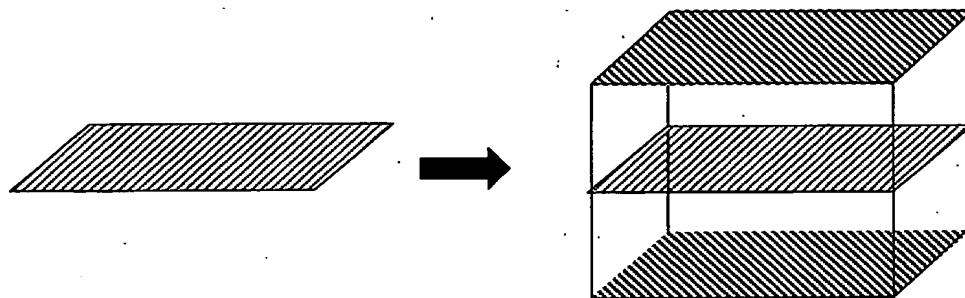


Figure 1

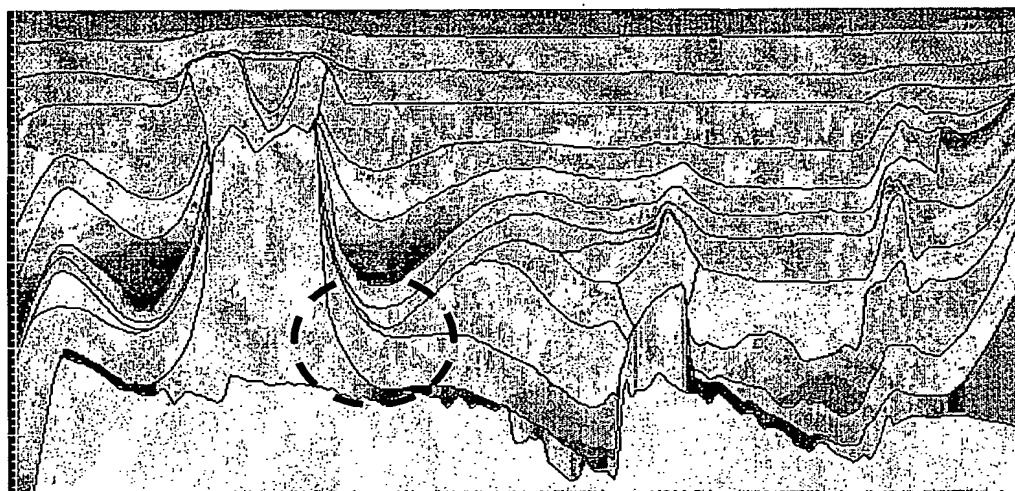


Figure 2

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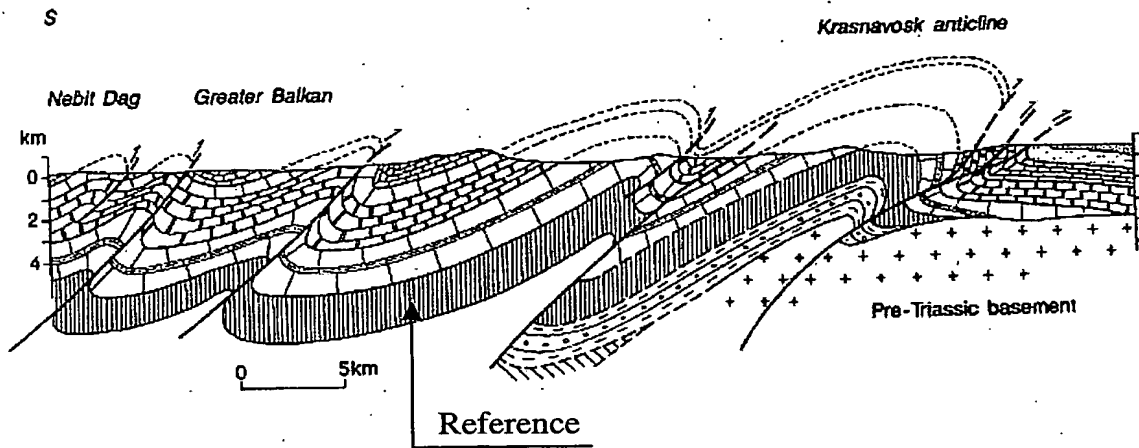


Figure 3

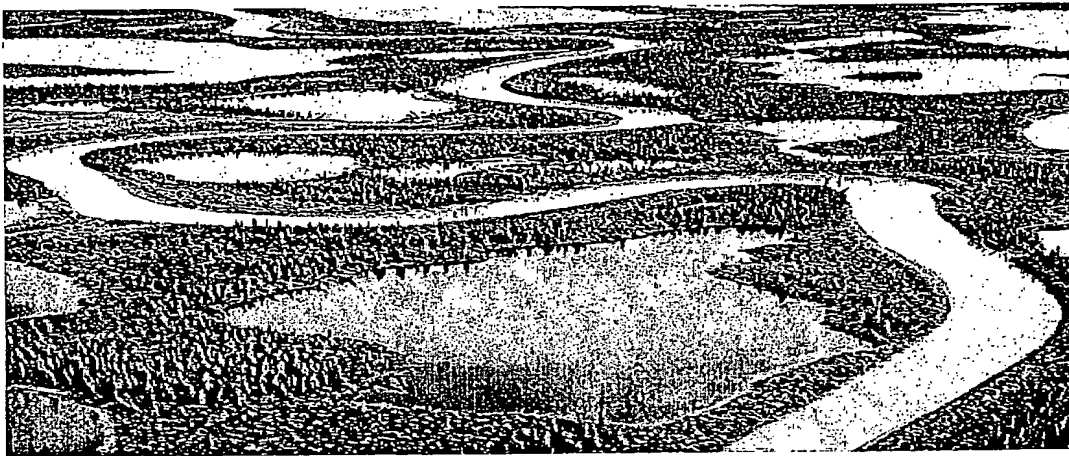


Figure 4

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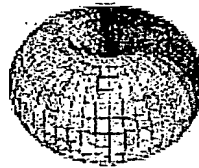
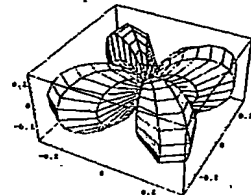
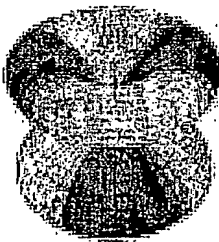
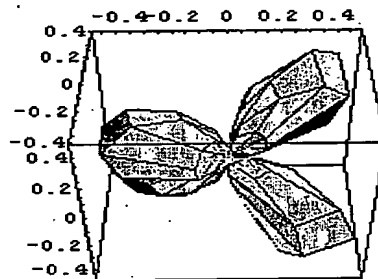
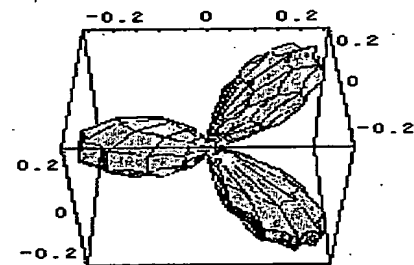
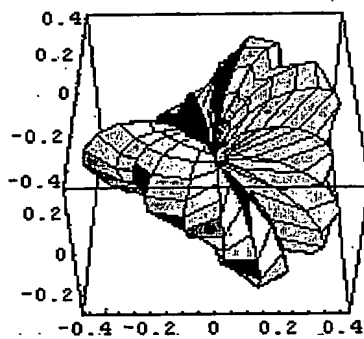
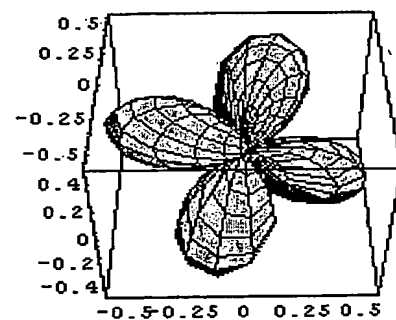
 Y_{00}  Y_{01}  $\text{Re}(Y_{21})$  $\text{Im}(Y_{32})$  $\text{Re}(Y_{22})$  $Y_{01} + \text{Im}(Y_{32})$  $\text{Re}(Y_{22}) + \text{Im}(Y_{32})$  $\text{Re}(Y_{21}) + \text{Im}(Y_{21}) + \text{Re}(Y_{22})$

Figure 5

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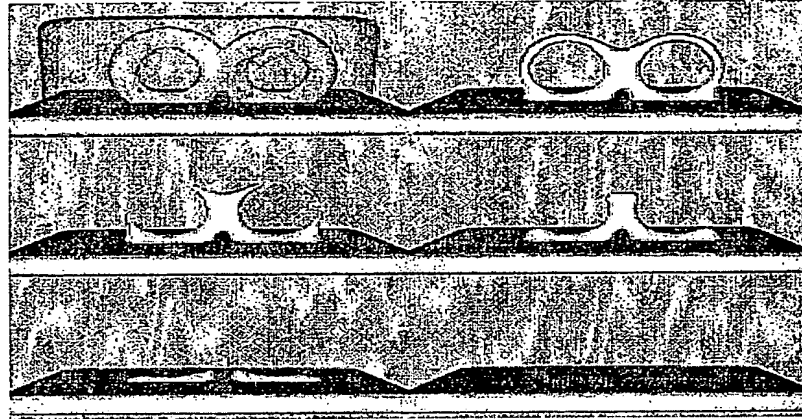


Figure 6

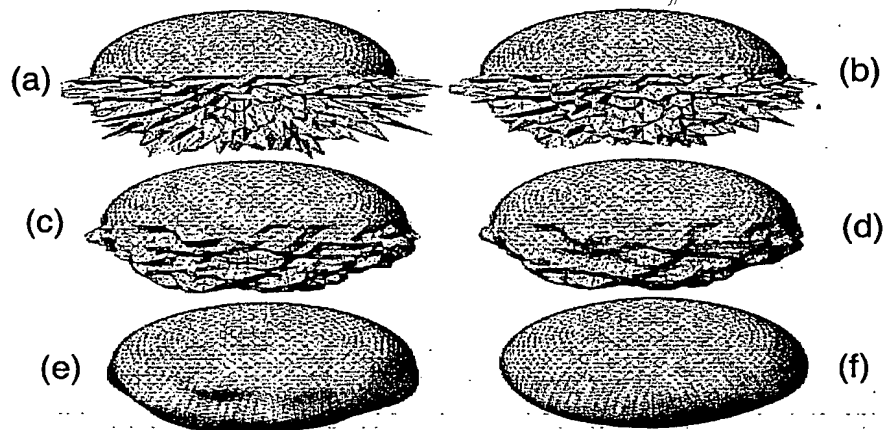


Figure 7

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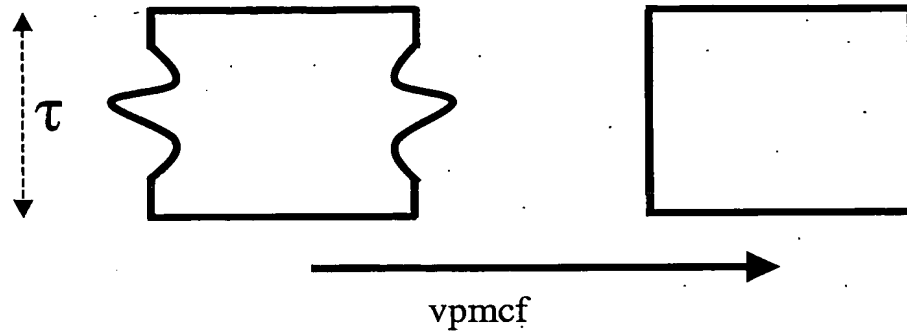


Figure 8

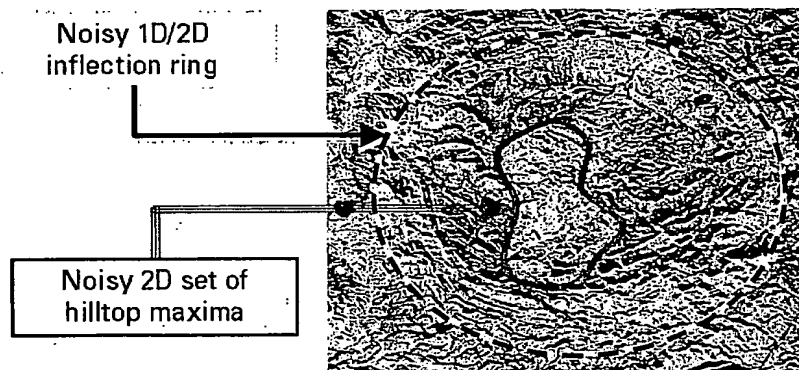


Figure 9

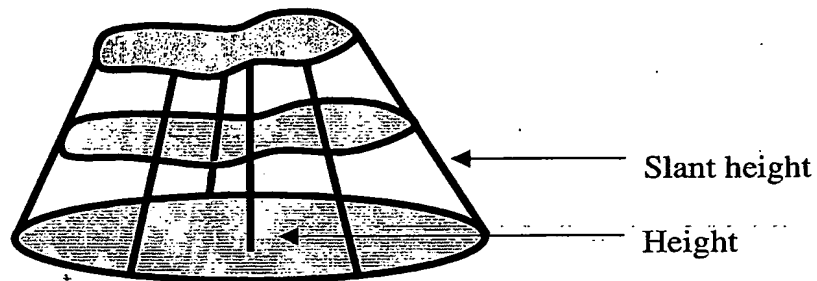


Figure 10

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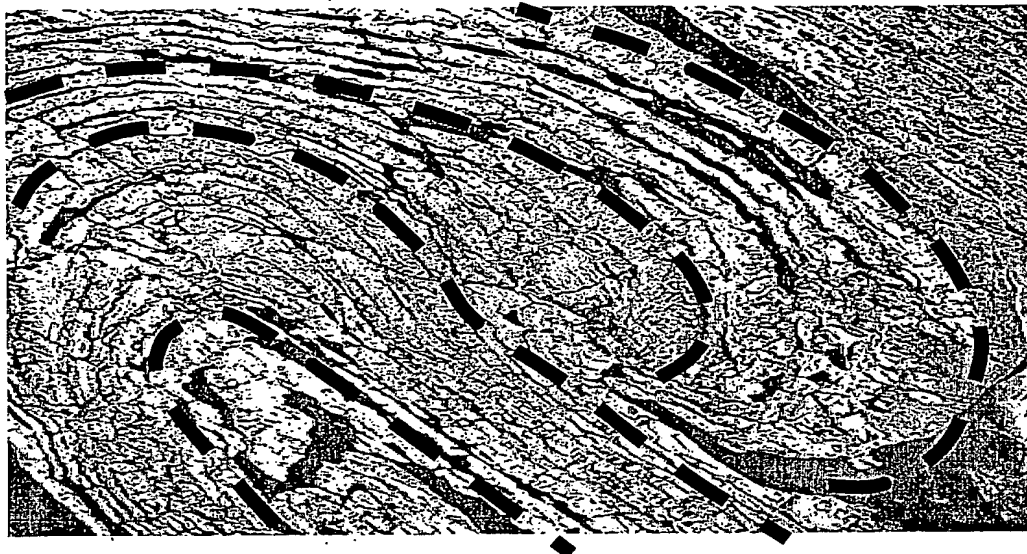


Figure 11



Figure 12

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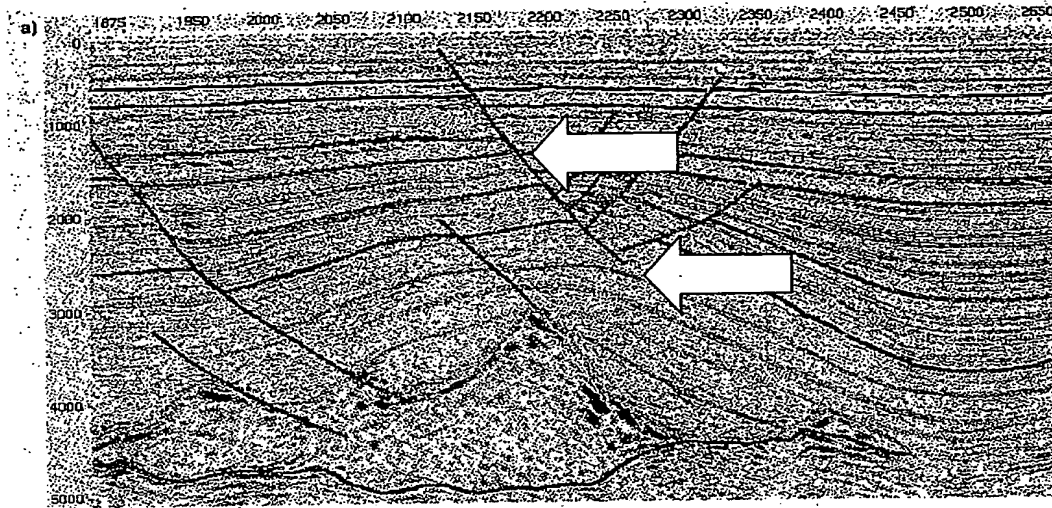


Figure 13

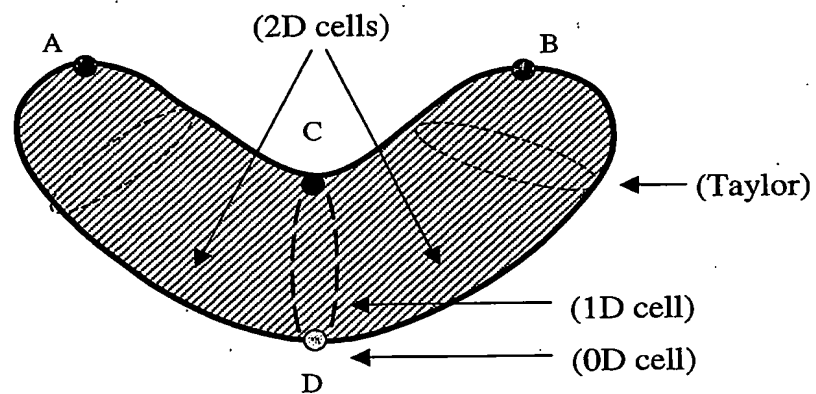
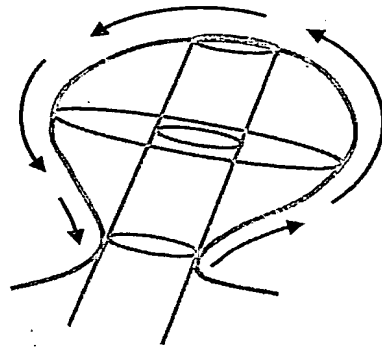


Figure 14

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A cylindrical surface with a hemispherical cap on one end is homeomorphic to a disc.

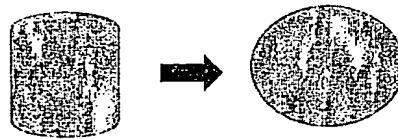


Figure 15

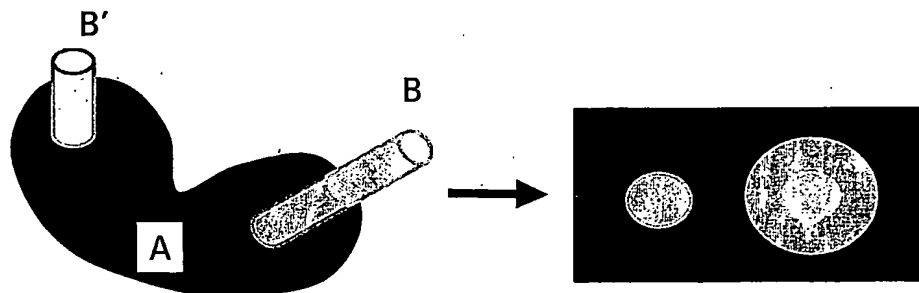


Figure 16

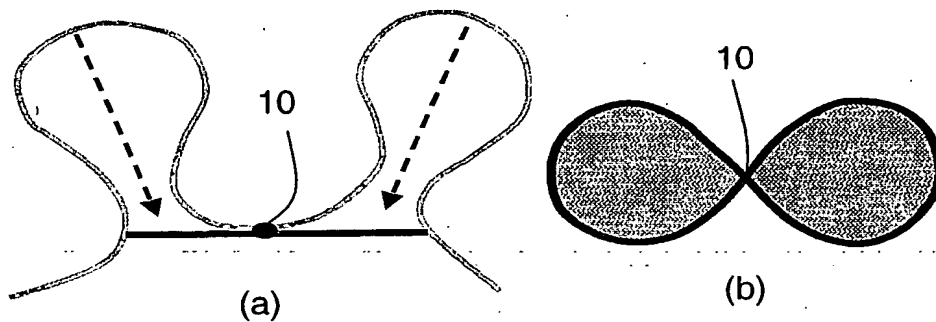


Figure 17

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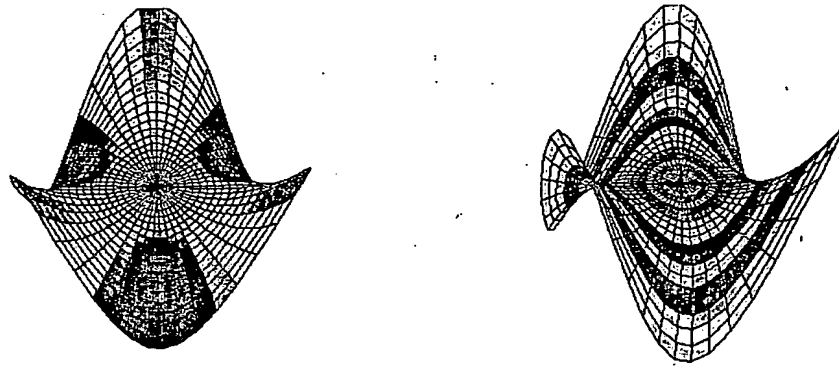


Figure 18

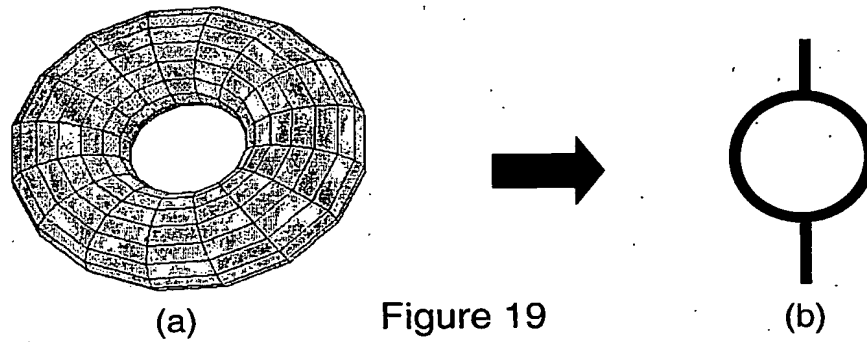


Figure 19

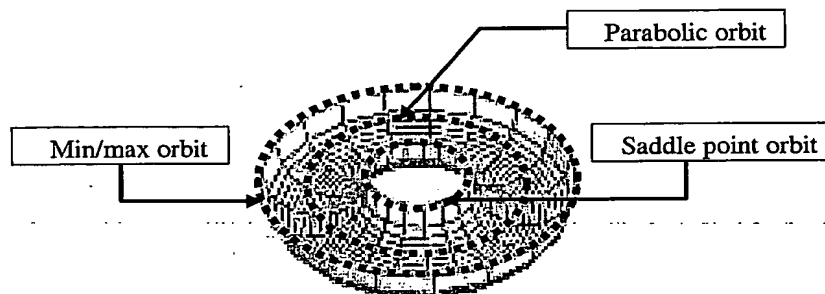


Figure 20

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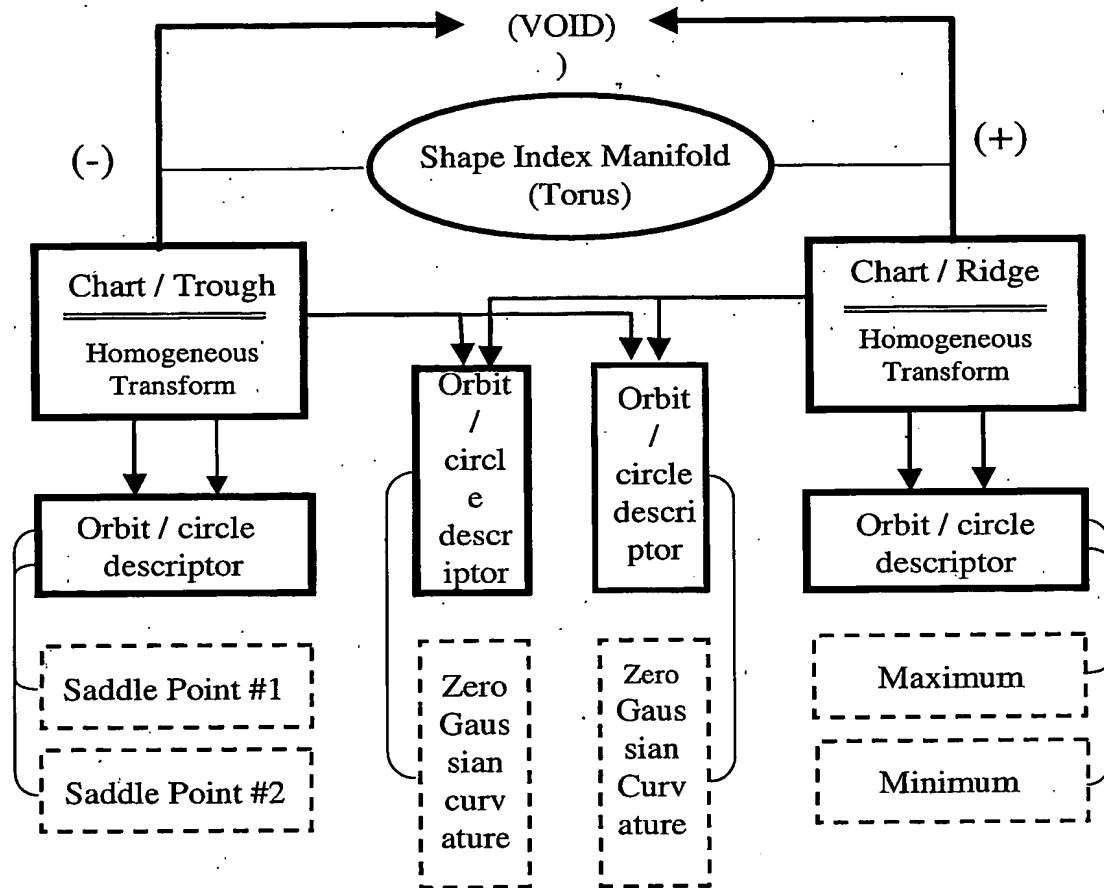


Figure 21

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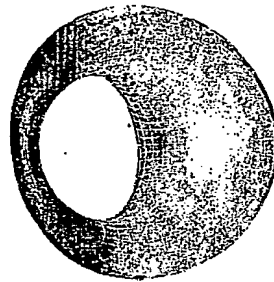


Figure 22

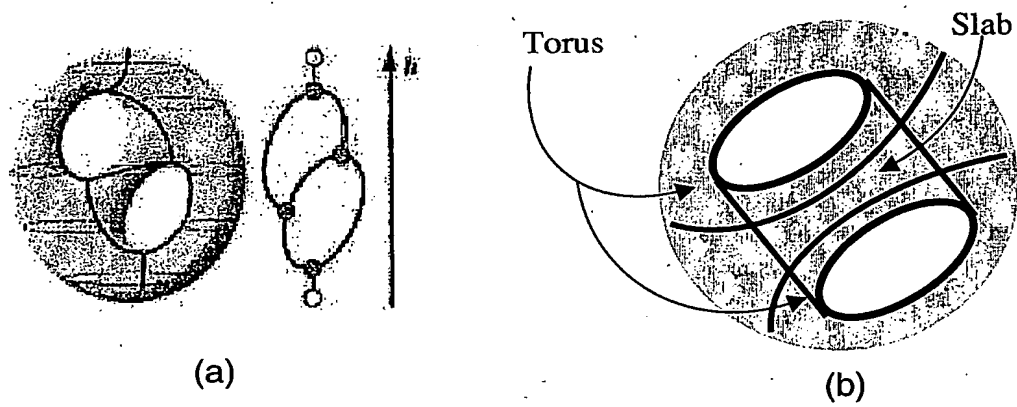
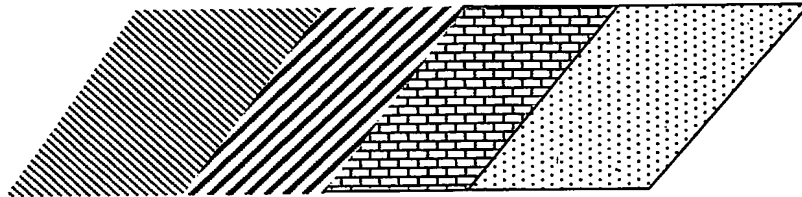


Figure 23

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(COARSE)



(FINEST)

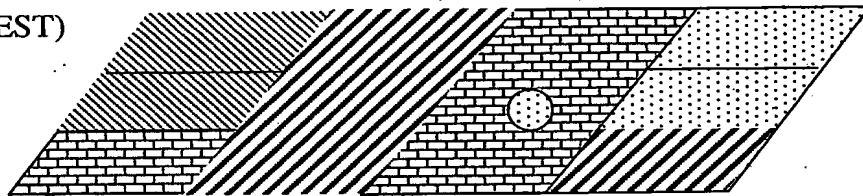


Figure 24

Stable shape index regions

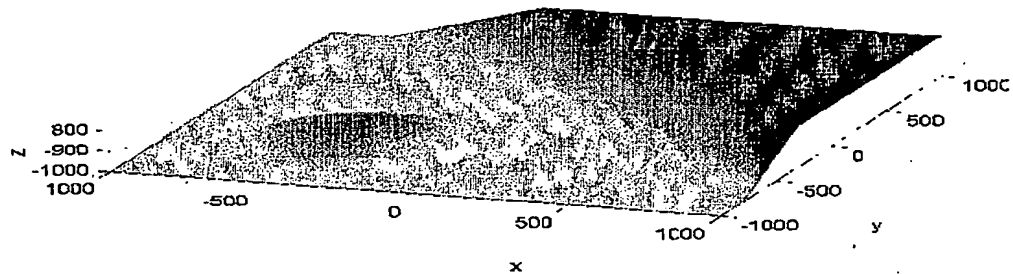


Figure 25

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Figure 26

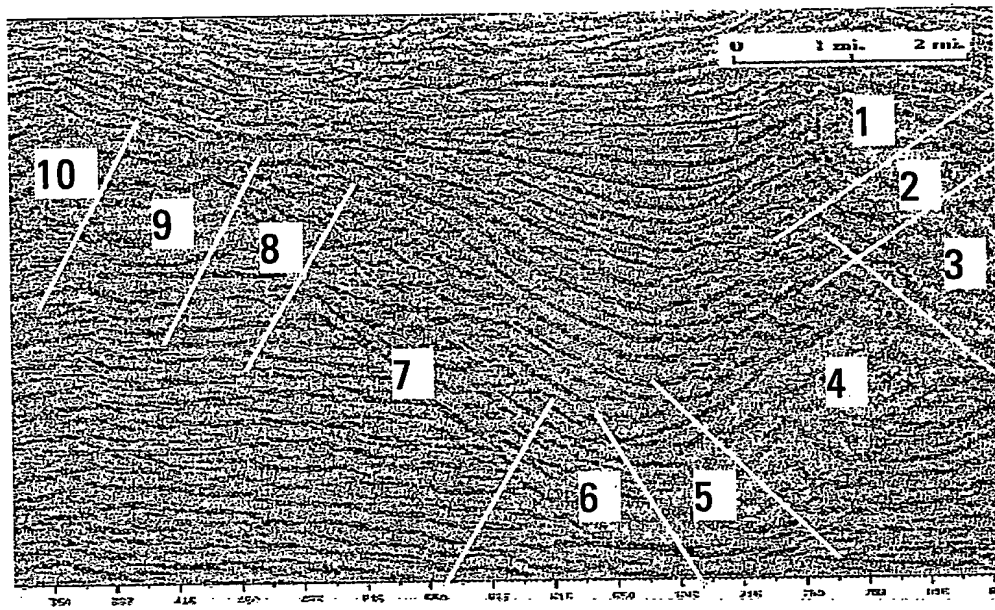


Figure 27

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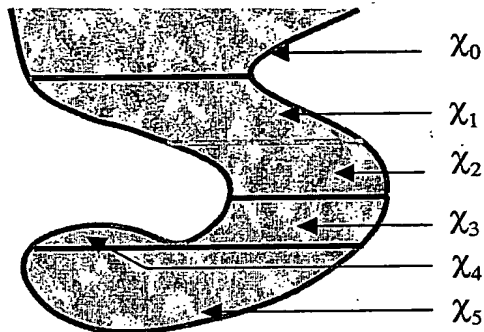


Figure 28a

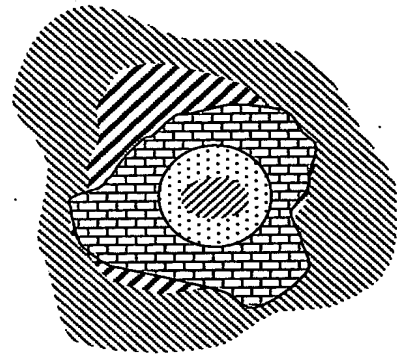


Figure 28b

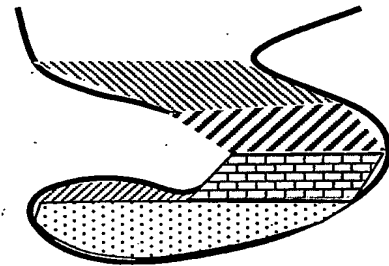


Figure 28c

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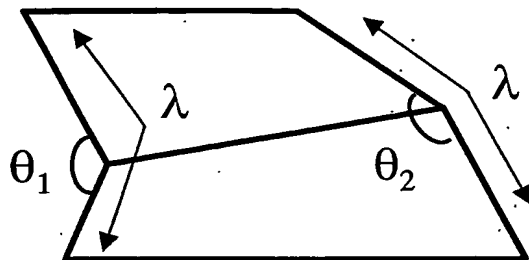


Figure 29a

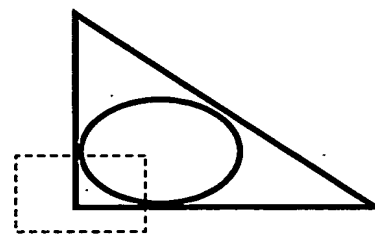


Figure 29b

$$Squeeze = \begin{pmatrix} \sin \vartheta & 0 \\ \cos \vartheta & 1 \end{pmatrix}, \text{ where } 0 \leq \vartheta < \pi,$$

$$Stretch = \begin{pmatrix} \sigma_x & 0 \\ 0 & \sigma_y \end{pmatrix}, \text{ where } \sigma_x, \sigma_y > 0,$$

$$Blend = Stretch * Squeeze = \begin{pmatrix} \sigma_x \sin \vartheta & 0 \\ \sigma_y \cos \vartheta & \sigma_y \end{pmatrix}.$$

Figure 29c

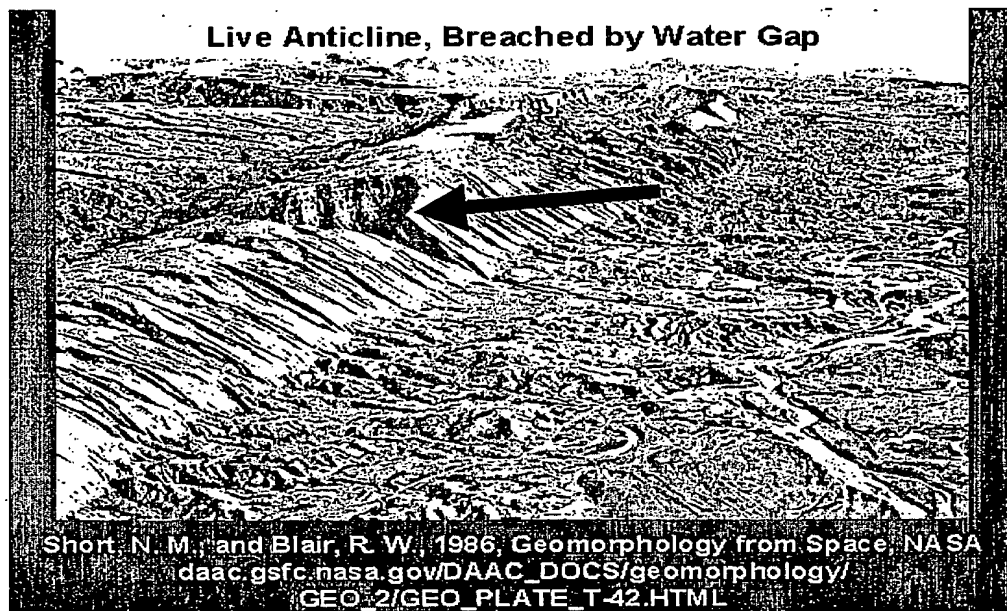


Figure 30

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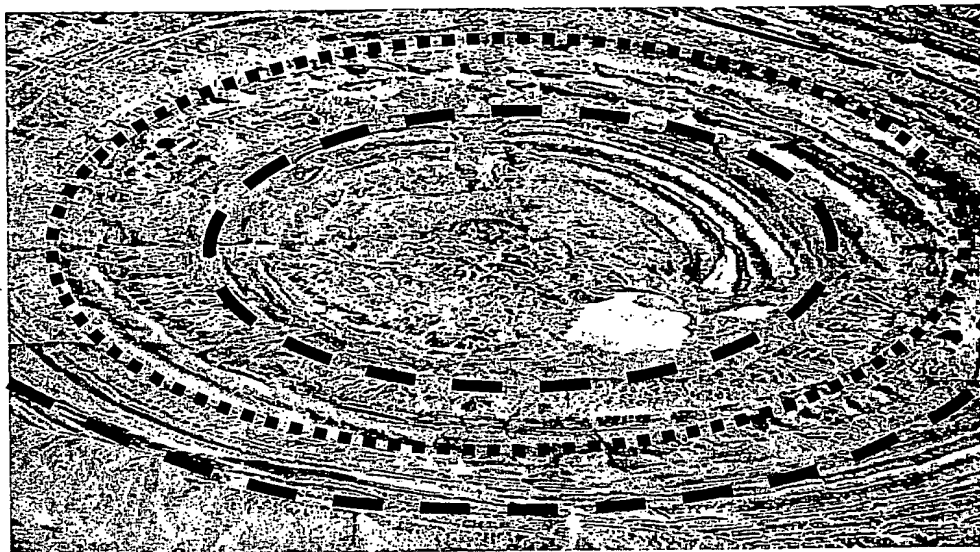


Figure 31

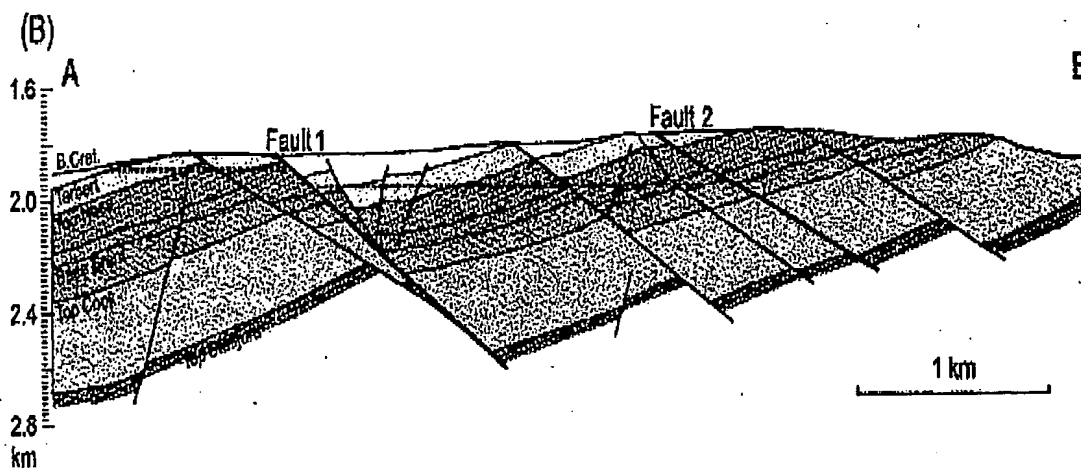


Figure 32

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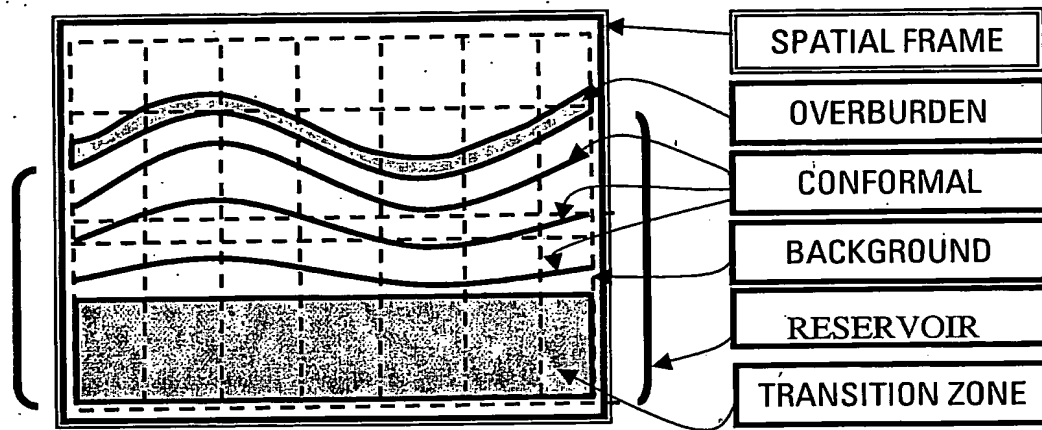


Figure 33

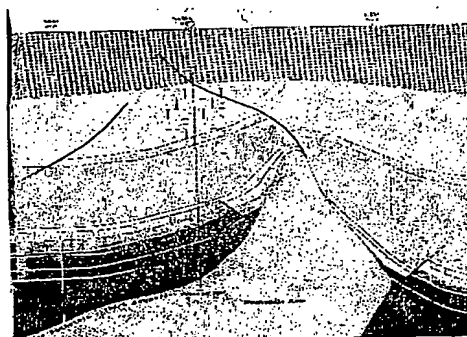


Figure 34

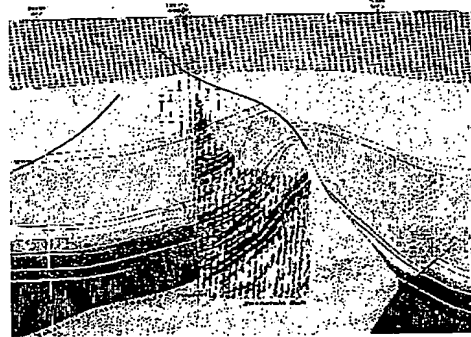
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Figure 35



(a)



(b)

Figure 36

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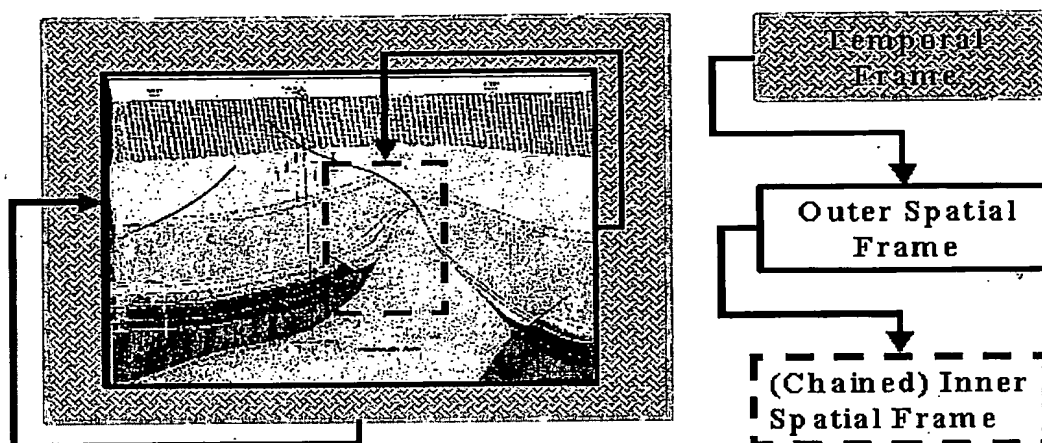


Figure 37

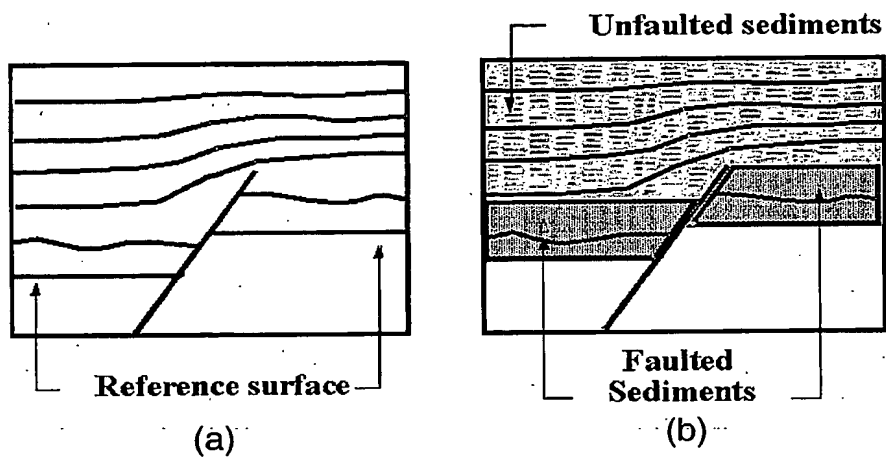


Figure 38

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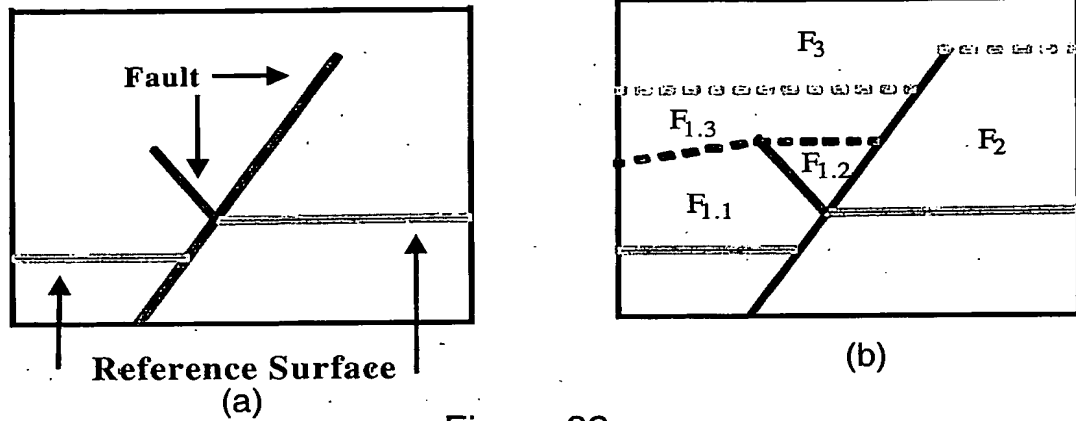


Figure 39

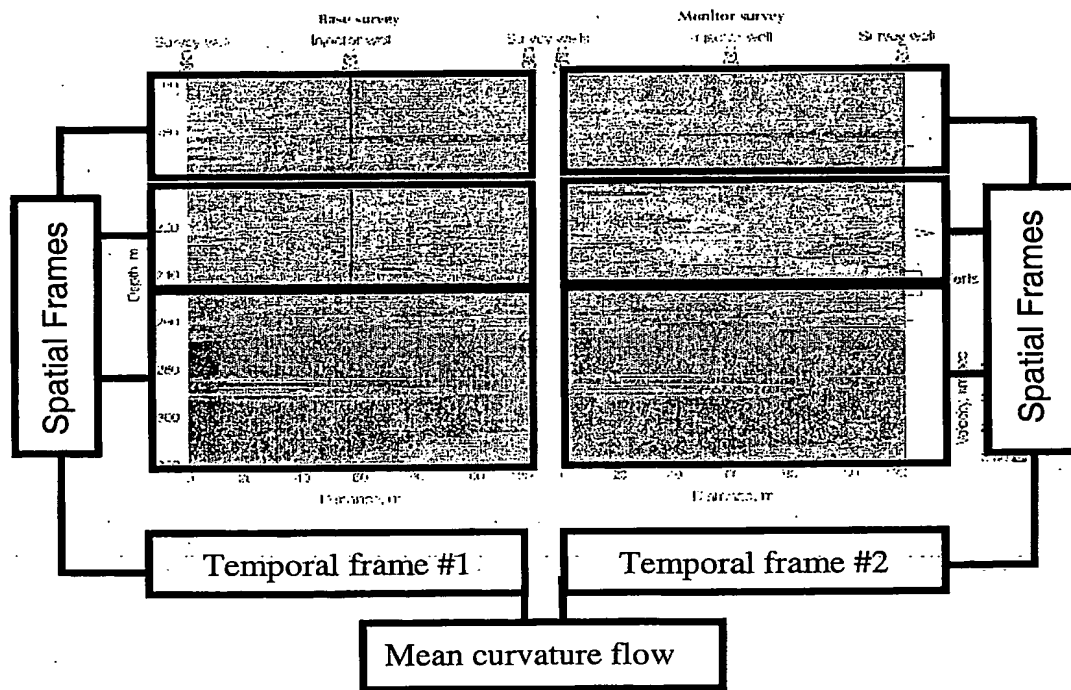


Figure 40

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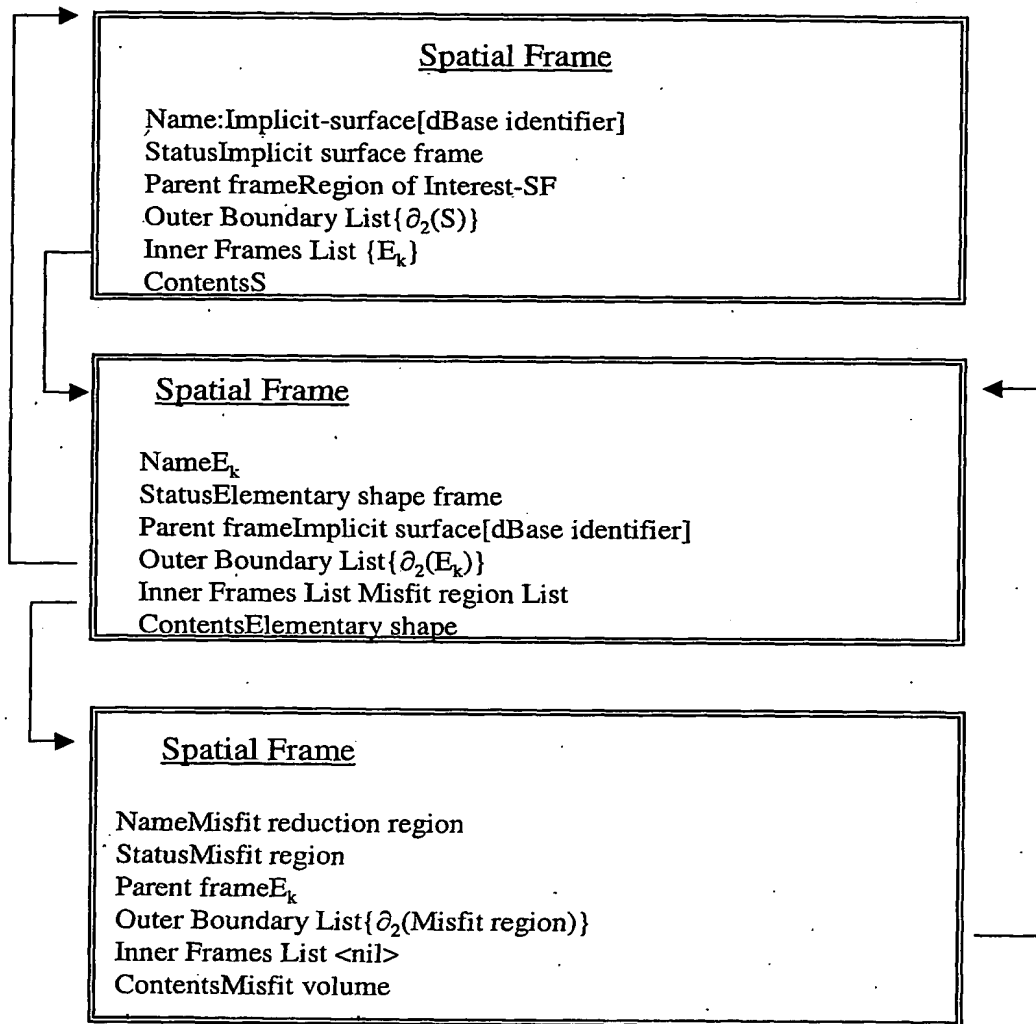


Figure 41

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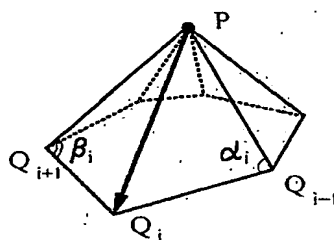


Figure 42

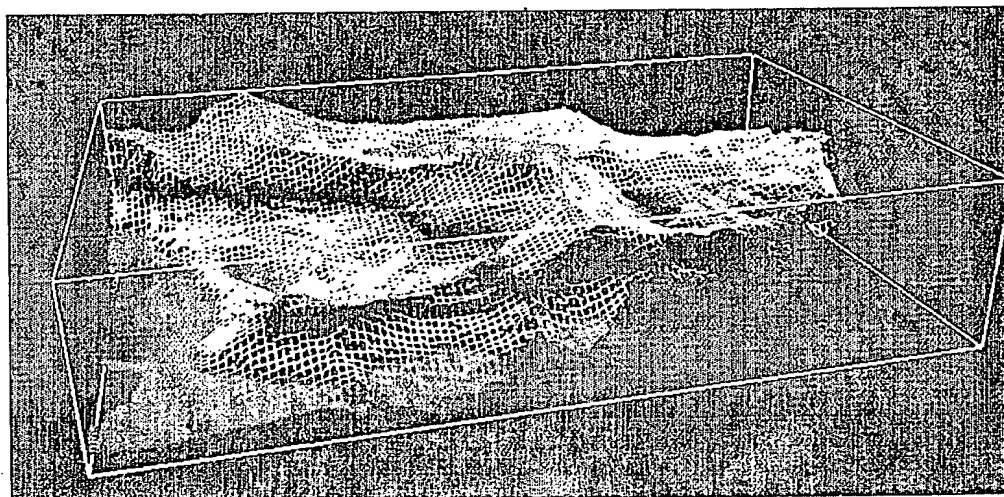


Figure 43

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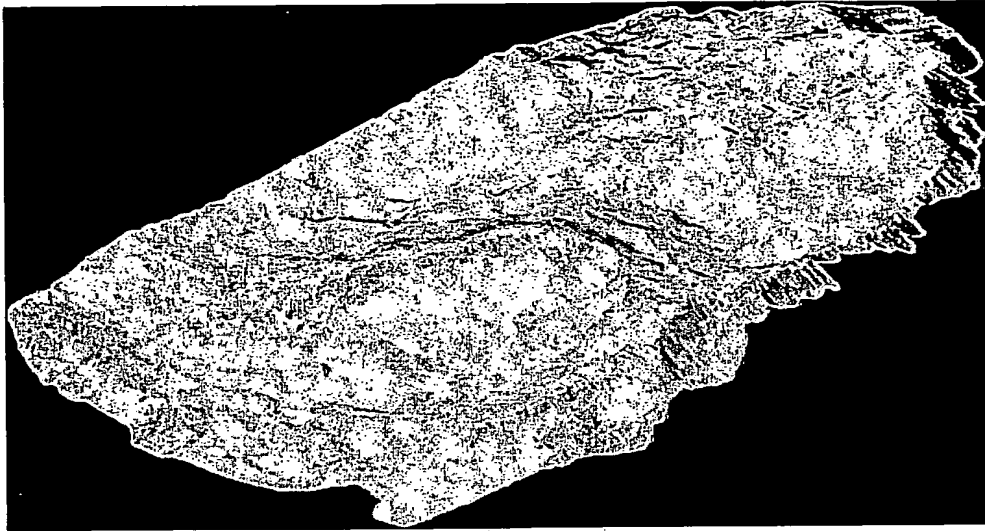


Figure 44

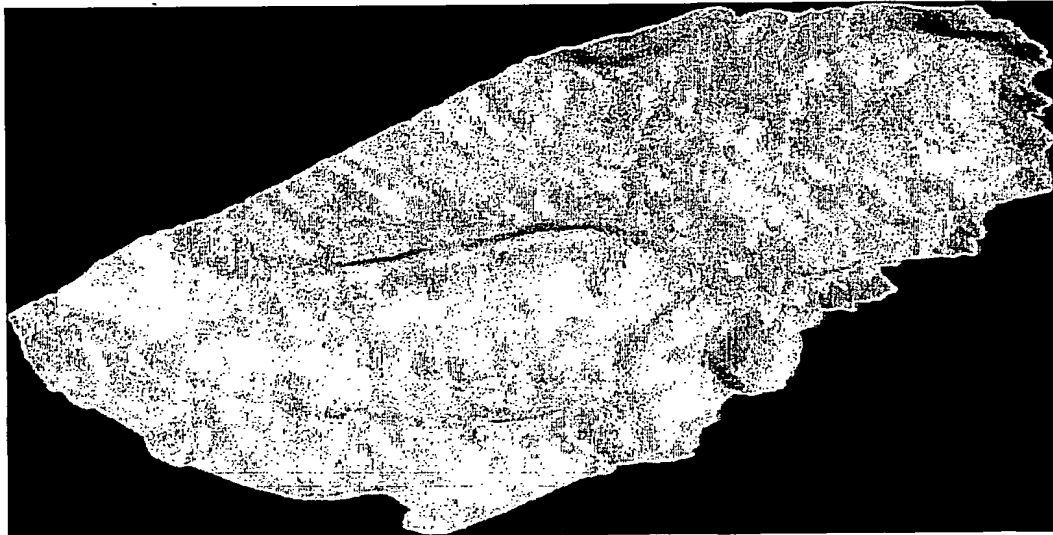


Figure 45

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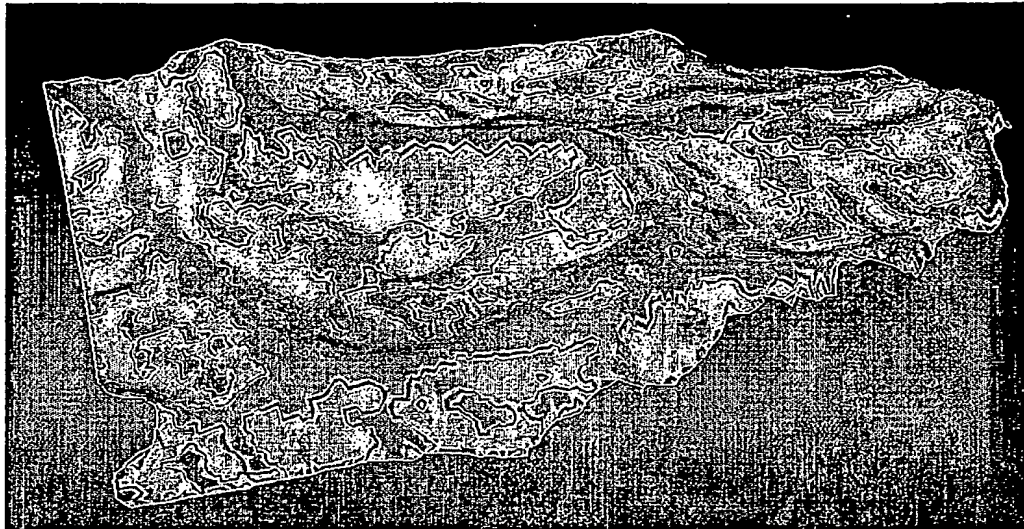


Figure 46

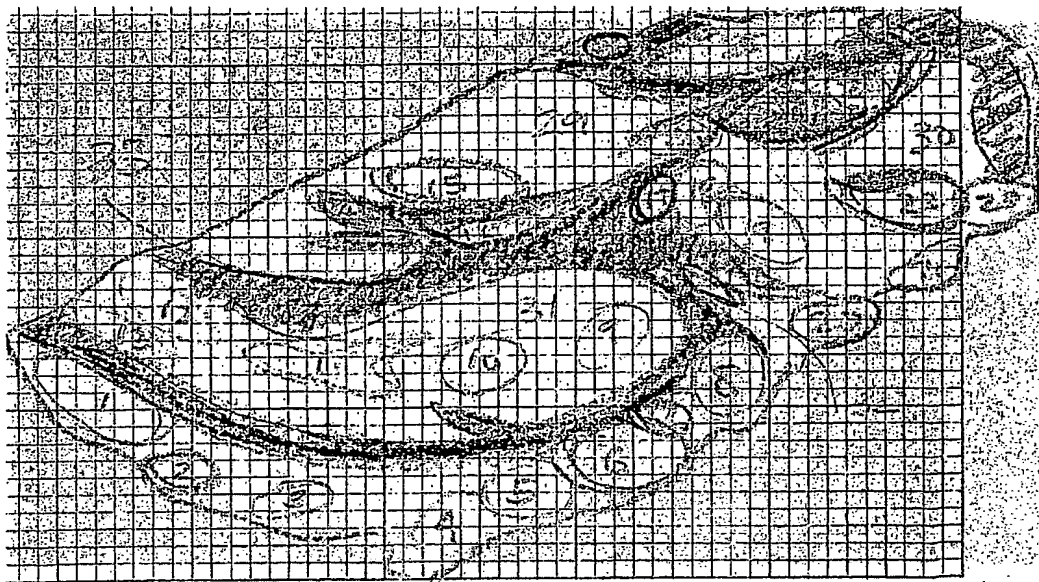


Figure 47

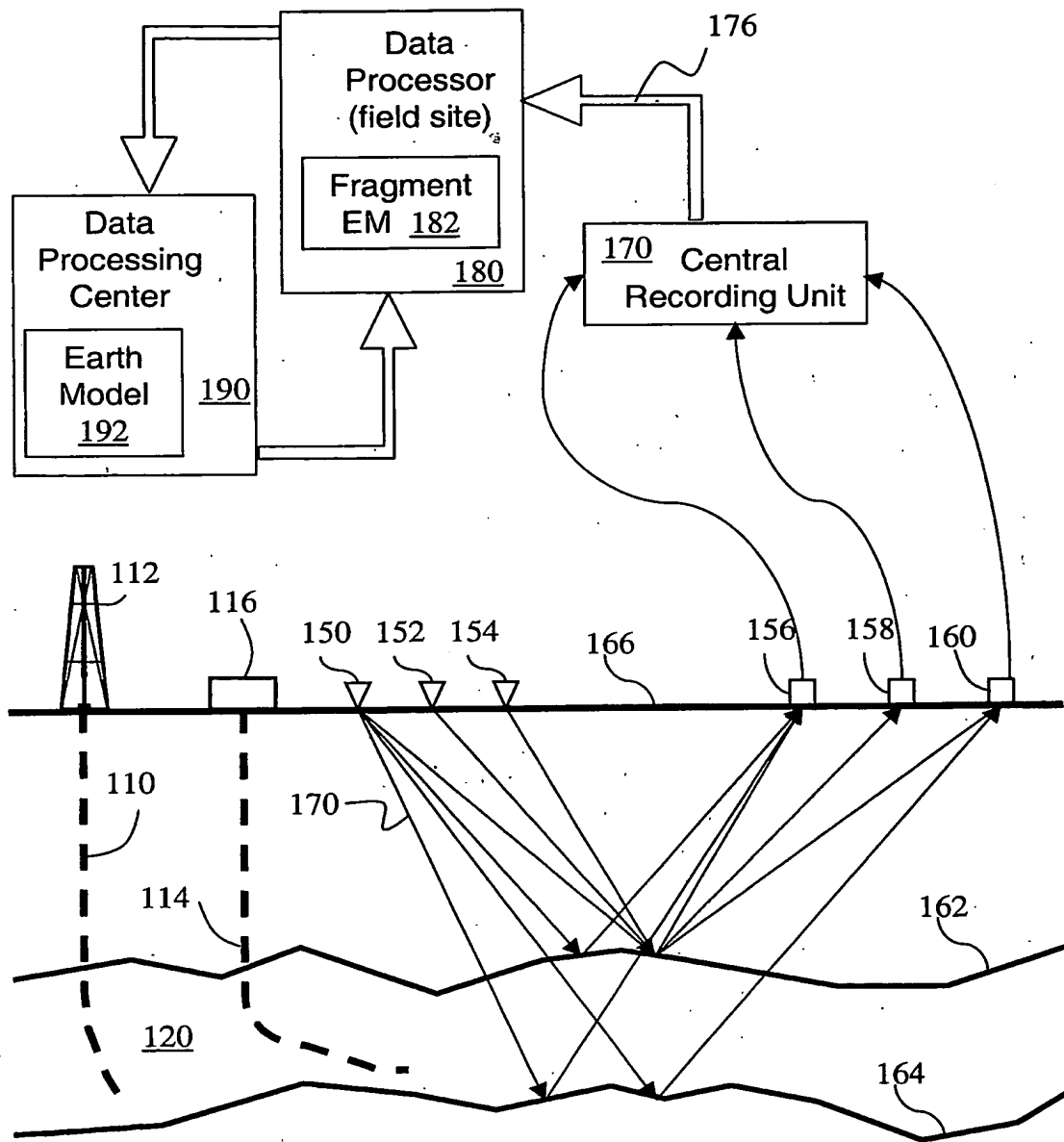


Figure 48

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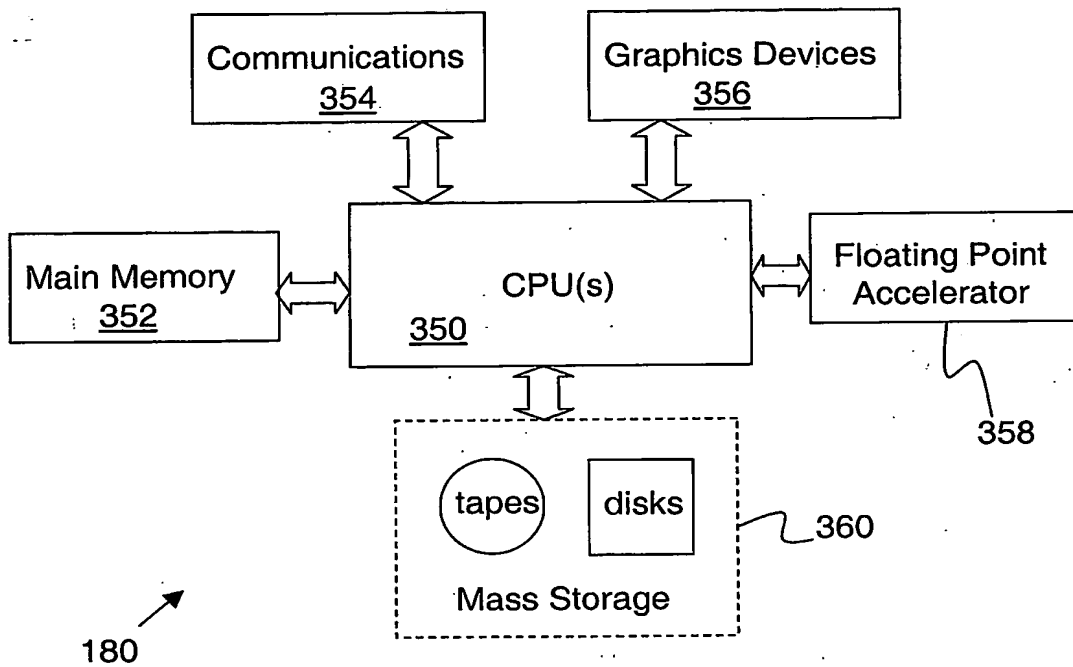


Figure 49

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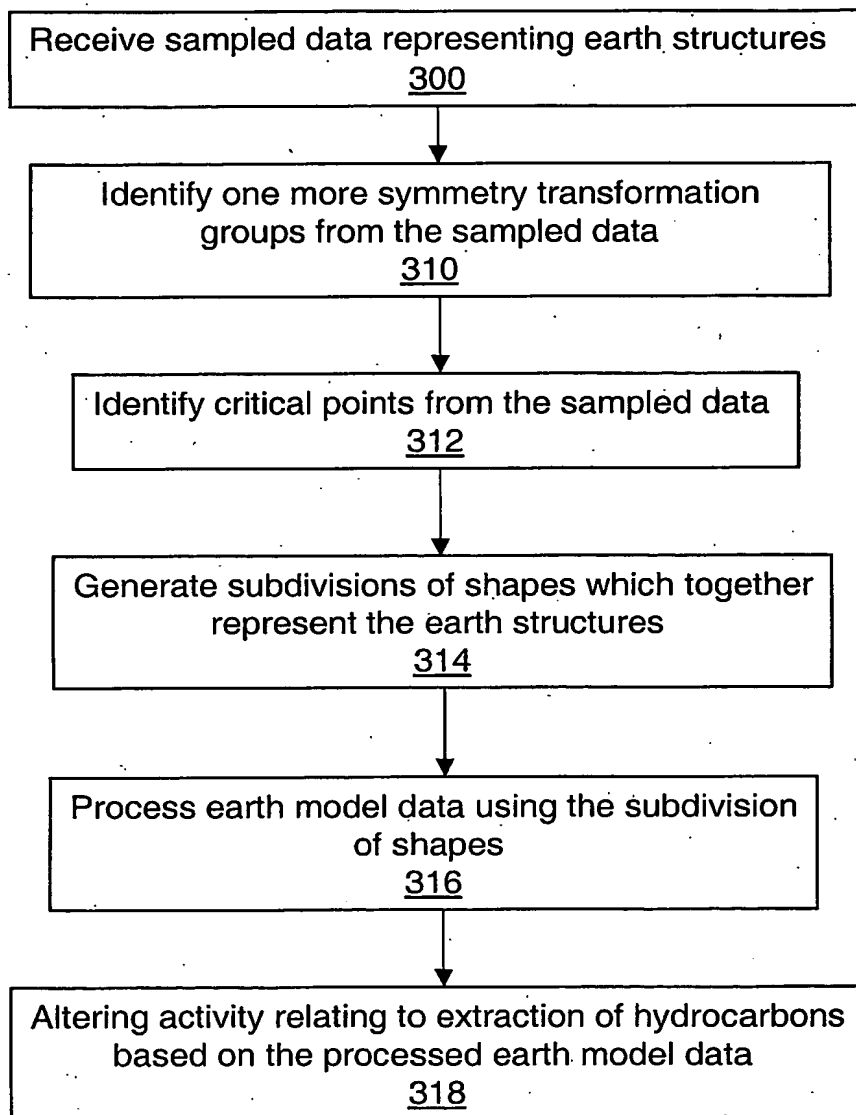


Figure 50

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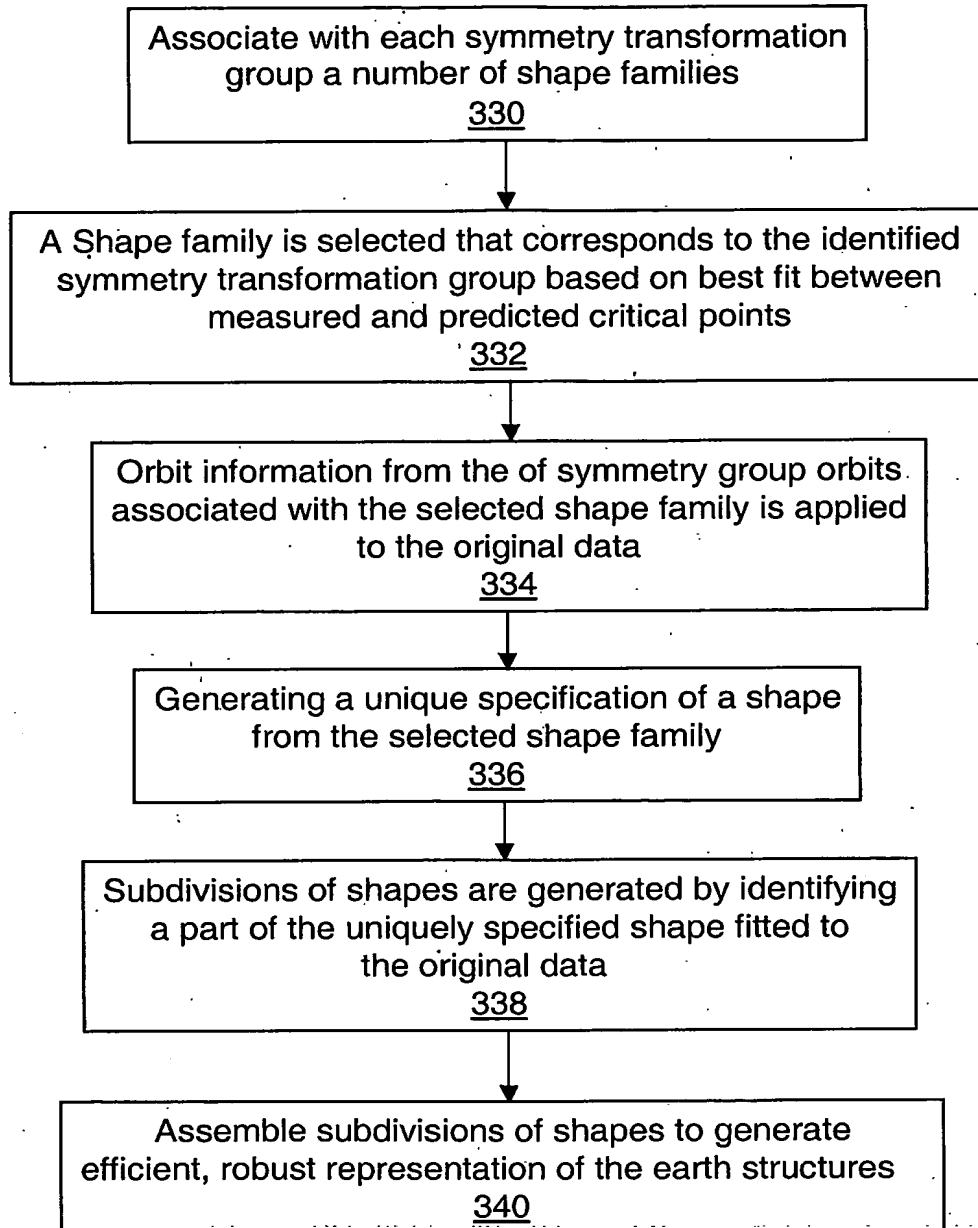


Figure 51